

SWBAT

use the scientific method to test a claim about velocity

Sep 4-7:31 AM

Welcome!!!

SECA CP Physics  
Wednesday 14 October 2015



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Room C-244

- Have SchoolView up as you have pg 23 out, please...
- Grab a computer and log in

96  
23

Homework: Due MONDAY 10/12  
Flipping Physics: Graphs of Position

Opening Activity:

- Review page 23: What was the point?
- Read through Rubric: What questions do you have?

Centering  
(bears)

Sep 7-7:04 AM

## Bear Wednesday

<http://www.bbc.com/news/world-asia-china-24223721>

baby pandas...



Oct 14-8:43 AM

**SLOPE OF VS. TIME**  
Practicing Position Graphs

Example #4

position (m)

time (s)

↑ (V) (Left of graph)  
↓ (R) (Right of graph)

STOPPED

NEG. SLOPE

SPEED FAST

What is **SLOPE** telling us about the motion???

+ & - DIRECTION

★ IS VELOCITY

GOOGLE: PHET Moving Man:

Complete parts 1-4 on separate paper to turn in.

Oct 14-8:49 AM

## Ball / Ramp Experiment:

- When should it be due? **WED 10/21**  
**NO MORE CLASS WORK TIME**  
**EXCEPT CLARIFYING QUESTIONS**  
**AT THE START OF CLASS**
- How should we grade the project?
- **EVERYONE HAS ALL PARTS 1-7**  
**IN THEIR NOTEBOOK**
- **GLUE RUBRIC ON PG. 25**  
**↳ ON LEFT TELL LESLIE WHAT PAGE TO FIND THINGS.**
- How to grade presentations
- **LIMIT 3 PEOPLE / GROUP**  
**↳ CAN DO INDIVIDUAL PRESENTATION**
- **READY TO GO WED 10/21 OR DEDUCTION**

Oct 13-10:11 AM

### InterActive Notebook - Table of Contents

Unit	Chapters	Date	
Left-Side Items	Page	Right-Side Items	Page
REFLECTION ON NOTES	2	TED ED ADAM SAVAGE	3
HOW FAR FROM BRIDGE	4	"FORT STUEBEN"	5
REFLECTION ON NOTES	6	HMWK: BASE UNITS	7
PR: DISTANCE & DISPLACEMENT	8	HMWK: FP DISPLACEMENT	9
5. DIAGRAM & STEPS	10	TIMING & ERROR	11
6. SUMMARY OF TIMING	12	HOW TO BUILD A TABLE	13
7. PR: CONVERTING SOLNS.	14	HMWK: FP CONVERSIONS <sup>0-6:30</sup>	15
8. PR: VELOCITY & SPEED	16	HMWK: FP SPEED & VELOCITY	17
9. SPEED WORD PROBLEMS	18	ALGEBRA FOR PHYSICS	19
10. LAB JOURNAL 10/7	20	LAB JOURNAL 10/8	21
		HMWK: FP GRAPHS POSITION	23
LAB JOURNAL 10/12	24	EXPERIMENT RUBRIC	25
26	USE FOR PROJECT		27

Sep 5-9:09 AM

Page 20: Lab Journal 10/7/15

Find a partner for today and record who...

### THE CHALLENGE

Is the ball going a constant speed on the flat? How could you show that?

1a) What do you think you will find?

LONG FLAT = EASIER TO TIME

1b) PLAN... How will you find speed along the flat? Mess with equipment (don't collect data), see what works... DISTANCES & TIMES

Page 21: Lab Journal 10/8/15

2) List materials you will need

3) Diagram (= picture) and label set up

4) Step by step procedure FOR DATA

#1) SET UP RAMP AS IN DIAGRAM

Page 24: Lab Journal 10/12/15

Find partners for today and record who...

5) Record data in a table (=grid of numbers) with headings, units (see examples p. 11 & 13)

Page 25: Glue in Rubric

- on left side list the notebook page to find each part

Page 26-27:

-More space for completing project.

-May need to attache more paper to bottom and fold in.

Oct 6-10:19 AM



Oct 13-8:33 AM